



Department of Education
Region X- Northern Mindanao
DIVISION OF MALAYBALAY CITY
Casisang, Malaybalay City

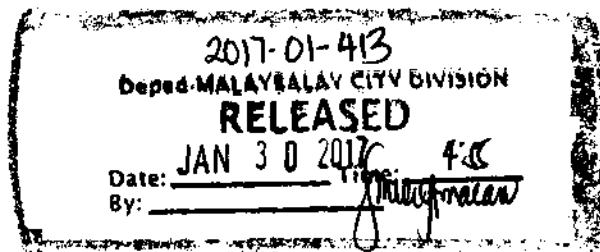


DIVISION MEMORANDUM

No. 048 s. 2017

To: Chief Education Supervisors & Staff, CID & SGOD
Elementary and Secondary School Heads

From: *fu: Oplenaar*
EDILBERTO L. OPLENARIA, CESO VI
Schools Division Superintendent



Date: January 30, 2017

Re: **DISSEMINATION OF REGIONAL MEMORANDUM NO. 336, S. 2016 RE: RESULTS OF 2016 NATIONAL SCIENCE AND TECHNOLOGY FAIR**

1. For the information and guidance of all concerned, this Office hereby disseminates the herein Regional Memorandum No. 336, s. 2016 re: Results of the 2016 National Science and Technology Fair to wit;

Name	School	Research Title	Rank	Coach	School Head
Trexie Densusse H. Prepose	Bukidnon National HS	Antifungal Activity of Selected Houseplants against Banana Anthracnose	1st	Barbra Joey P. Moreno	Susan S. Olana, PhD.
Adolf Fruelan Hidalgo, Allen Bernard Cruza, Ashel Louise S. Mulet	Bukidnon National HS	Oleander (<i>Nerium oleander Linn.</i>) Extractys as Biomolluscicide	2nd	Irene G. Escrupulo	Susan S. Olana, PhD.
Renwil B. Bactuan, Mary Flor G. Tero, Dawn Danielle A. Nasayao	Bukidnon National HS	Morphology Characteristics and species Diversity of Lichen Flora in Mt. Kitanglad Range Natural Park, Kaatuan, Lantapan, Bukidnon	3rd	Ethel M. Gayona	Susan S. Olana, PhD.

2. This Office further congratulates the student researchers, research advisers and the school head for a job well done and for giving honor and pride to our Division.

3. It is further informed that the first place winners shall represent the Region to the National Level Science and Technology Fair on February 13 – 17, 2017 at a venue to be announced later.

4. Immediate dissemination of this Memorandum is desired.



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF EDUCATION
REGION X

Zone 1, Upper Balulang, Cagayan de Oro City
Telephone No.: (088) 880-7072, 880-7071 Telefax: (08822) 72-26-51 Website: depedreg10.net

Tayo
MAGSASALINGAN
EDUKASYON

December 6, 2016
DSD-7D-X
Cagayan de Oro City

REGIONAL MEMORANDUM

No. ~~340~~ s. 2016

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RESULTS OF 2016 NATIONAL SCIENCE AND TECHNOLOGY FAIR
(Regional Level)

To: **Schools Division Superintendents**
This Region
Attention: Division EPS Science

1. The Curriculum Learning and Management Division, this Region hereby announces the results of the recently conducted National Science and Technology Fair, SY 2016-2017 Regional Level held on November 23-25, 2016 at the Regional Office X Conference Hall, Zone 1, Upper Balulang, Cagayan de Oro City.

2. This office congratulates all the winners and participants in Physical Science, Life Science and Robotics categories both team and individual events. The official results are found in the enclosure.

3. The first Place winners of the three (3) categories shall represent the Region to the national-level Science and Technology Fair upon approval of the National Scientific Review Committee to be conducted on February 13-17, 2017 at the venue to be announced later.

4. Due recognition is also extended to the Division EPS in Science, DOST, and Board of Judges for the support extended to this activity.

5. Widest dissemination of this Memorandum is desired.


ALLAN C. FARNAZO
Director IV

**Regional Science and Technology Fair (RSTF) for School Year 2016-2017
November 23 – 25, 2016**

Category: Physical Science (Individual)

Name	School /Division	Research Title	Rank	Coach
Hannah Angelie N. Cueva	Gusa Regional Science High School – X Cagayan de Oro City	Composite Fiber Technology (CFT): A Novel Utilization of Natural Sorbents in Oil Spill Clean-up for Environmental Protection	1 st	Richard I. Licayan
Denise Patryzja T. Valero	Iligan City East National High School Iligan City	Utilization of Bansarvil I. Kapatagan diatomite as Raw Material of Permeable Paving for SUDS Application	2 nd	Elvie S. Tiin
Francis Felipe Amor S. Gumahin	Manolo Fortich National High School Bukidmon	Efficiency Determination of Cacao (<i>Theobroma cacao</i>) Pod Biomass Briquettes as Green Fuel	3 rd	Ana Marie Genita

Category: Physical Science (Team)

Name	School	Research Title	Rank	Coach
James O. Torres, John Westly S. Sabuero, John Benedict V. Lamorin	Gusa Regional Science High School – X Cagayan de Oro City	Corn Silk Compost Tea Technology: Their pH values, Nitrogen (N), Potassium (K), Phosphorus (P) Content and Subsequent Effects on the Root Architecture and Bud Development of Oyster (<i>Tradescantia discolor</i> L'Her) Plant Representative	1 st	Richard I. Licayan
Adolf Fruelan E. Hidalgo, Allen Bernard V. Cruza, Ashel Louisse S. Mulet	Bukidnon National High School Malaybalay City	Oleander (<i>Nerium oleander</i> Linn.) Extracts as Biomolluscicide	2 nd	Irene G. Escrupulo
Angela H. Sinconiegue, Vina Gabrielle C. Miculoh, John Cyril B. Miñeza	Misamis Occidental National High School Oroquieta City	Biosorption of Mercury (Hg) using Watermelon (<i>Citrullus lanatus</i>) rind	3 rd	Gerlie C. Pitulunia Ricky Boy E. Junio ACA Delostrico

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Category: Life Science (Individual)

Name	School / Division	Research Title	Rank	Coach
Trexie Denese H. Prepose	Bukidnon National High School Malaybalay City	Antifungal Activity of Selected Houseplants against Banana Anthracnose	1 st	Barbara Joey P. Moreno
Trisha Mae Abao	Gingoog City Comprehensive National High School Gingoog City	Fluctuating Asymmetry in the Body shapes of Tamban (<i>Sardinella albella</i>) as Indicator of the Ecological Condition of Brgy San Luis Bay. Gingoog City	2 nd	Hazel R. Balan Margie A. Temple
Joelle Gemarie L. Gonzales	Misamis Occidental National High School Oroquieta City	Phytochemical Screening and DPPH Free radical Scavenging Activity of "Pinon" (<i>Hornstedtia conoidea</i>)	3 rd	Renalyn I. Villarainz Cliff Patrick P. Berondo

Category: Life Science (Team)

Name	School	Research Title	Rank	Coach
Jovivie S. Babol. Hannah Dianella V. Tacastacas, Dennessé Mari M. Uy	Misamis Occidental National High School Oroquieta City	Dragonflies and Damselflies Family Biotic Index as Indicator of Water Quality in Layawan River	1 st	Rea Malou C. Saren Marideth C. Plando
John Riel T. Cañete. Joanna Jones D. Pardilla, Zyntrix O. Villas	Valencia National High School Valencia City	Assessment on the Ecological and Distribution Status of Odonata among Freshwater Ecosystems in Bukidnon as Markers of Environmental Health	2 nd	Arman P. Nuesca
Renwil B. Buctuan. Mary Flor G. Tero. Dawn Danielle A. Nasayao	Bukidnon National High School Malaybalay City	Morphology Characteristics and Species Diversity of Lichen Flora in Mt. Kitanglad Range Natural Park, Kaatuan. Lantapan. Bukidnon	3 rd	Ethel M. Gayona



Category: Robotics and Intelligent Machines (Individual)

Name	School	Research Title	Rank	Coach
Richard A. Sermon Jr.	Misamis Occidental National High School Oroquieta City	RFID Student Attendance Monitoring System	1 st	Rodsil Czar P. Sacmar Mery Rheza G. Blasco
Ven Vincent A. Magallano	Gusa Regional Science High School – X Cagayan de Oro City	Automated Construction of Robot Locomotion and Operation Platform via Microcontroller Based Line Tracking Wireless Robot	2 nd	Christian Gem C. Pimentel Julius O. Tan

Category: Robotics and Intelligent Machines (Team)

Name	School	Research Title	Rank	Coach
Kent Louie L. Eyana, Kenneth T. Comayas, Ken Archimedes Abales	Valencia National High School Valencia City	Application of Remote Sensing Technology in Developing a Road Surface Condition Monitoring System Via Unmanned Aerial Vehicle (UAV) Based System	1 st	Jess D. Tamagos
Alberto Emmanuel S. Chiong, Jose Manuel E. Betanio, Rhey Patrick G. Lacanaria, Mark David R. Tero, Karl Mykell M. Tabbay	Gusa Regional Science High School – X Cagayan de Oro City	Design of an Autonomous Microcontroller based line tracing Robot Controls with Situational Role of Pick and Place	2 nd	Christian Gem C. Pimentel Julius O. Tan
Czantine Jea L. Abuton, Kresha Glad S. Lamparas	Misamis Occidental National High School Oroquieta City	Ambient Air Quality Monitoring Device	3 rd	Rodsil Czar P. Sacmar Priscelo L. Pausanos Jr.